

Land Surveying Curriculum
(Written by the Kansas State Board of Technical Professions and
approved by the Board on December 8, 2006.)

All course work shall be completed at a technical school, technical college, community college, college, or university approved by the Board.

I. General Education Courses.

A. Mathematics

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| 1. Algebra | 3 credit hours |
| 2. Trigonometry | 3 credit hours |

A 3 credit hour course in calculus can be substituted for either algebra or trigonometry. A 5 credit hour course in pre-calculus will satisfy the mathematics requirement.

B. Mathematical statistics 3 credit hours

C. English. A minimum of 12 credit hours in the following courses:

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| 1. English I Composition | 3 credit hours |
| 2. English II Composition and Literature | 3 credit hours |
| 3. Speech | 3 credit hours |
| 4. Technical Writing | 3 credit hours |

D. Physical Science. A minimum of 3 credit hours in either physics or geology

E. Humanities. A minimum of 6 credit hours in the following courses:

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| 1. A history course | 3 credit hours |
| 2. An ethics course | 3 credit hours |

II. Technical Courses. A minimum of 24 credit hours in the following courses:

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| A. Elementary surveying | 3 credit hours |
| B. Advanced surveying | 3 credit hours |
| C. Computer Aided Design (CAD) I | 3 credit hours |
| D. Computer Aided Design II | 3 credit hours |
| E. Global positioning system (GPS) | 3 credit hours |
| F. Geographic information system (GIS) | 3 credit hours |
| G. Boundary control | 3 credit hours |
| H. Real property law | 3 credit hours |

III. Business-related Courses. A minimum of 6 credit hours in the following courses:

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| A. Accounting I | 3 credit hours |
| B. Business management | 3 credit hours |